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Subject: ATF Water-cooled Magnets Preventive Maintenance Procedure			
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ATF Water-cooled Magnets Preventive Maintenance Procedure

- 1- Maintenance procedures to be performed by qualified technicians, only.
- 2- Lock-out and Tag-out appropriate AC power sources in accordance with BNL ES&H Standards 1.5.1.
- 3- Check coil insulation for discoloration and cracks.
- 4- Check coil clamps for tightness. Retighten as necessary.
- 5- Visually inspect buss bars for shorts. Remove and found.
- 6- Inspect power supply cables for tightness. Retighten as necessary.
- 7- Inspect water lines for cracks and leaks. Replace/tighten as necessary.
- 8- Check pole tips for metal chips and debris. Clean as needed.
- 9- Remove LOTO and restore unit for normal operations condition.